Physics Letters A 180 (1993) 463–468
North-Holland

PHYSICS LETTERS A

Author Index to Volume 180

Ablowitz, M.J., see Villarroel, J. 180 (1993) 413
Aizawa, N., see Fukui, T. 180 (1993) 308
Alexe-Ionescu, A.L., Flexoelectric polarization and second order elasticity for nematic liquid crystals 180 (1993) 456
Andersen, J.O., Energy level shifts in two-dimensional hydrogen atoms near a metallic rod 180 (1993) 203
Antanasijević, R., I. Lakicević, Z. Marić, D. Zević, A. Zarić and J.P. Vigier, Preliminary observations on possible implications of new Bohr orbits (resulting from electromagnetic spin–spin and spin–orbit coupling) in "cold" quantum mechanical fusion processes appearing in strong "plasma focus" and "capillary fusion" experiments 180 (1993) 25
Ardehali, M., Experimental implications of Bell's theorem, Physcis Letters A 176 (1993) 285. Erratum 180 (1993) 461
Arnaud, J., Amplitude squeezing from spectral hole burning. A semiclassical theory 180 (1993) 33

Baake, E., see Baake, M. 180 (1993) 74
Baake, M., E. Baake and E. Eich, On the role of invariants for the parameter estimation problem in Hamiltonian systems 180 (1993) 74
Balakrishnan, R., Connection between solitons and geometric phases 180 (1993) 239
Barr, H.C., T.J.M. Boyd and A.P. Mackwood, Detuning and the Raman spectral gap 180 (1993) 435
Barut, A.O. and H.C. Chandola, "Localized" tachyonic wavelet solutions of the wave equation 180 (1993) 5
Bellan, P.M., see Kirkwood, R.K. 180 (1993) 269
Belozorov, D.P., A.A. Vertiy, A.V. Golik and S.I. Tarapov, Low temperature FMR linewidth in reentrant magnets 180 (1993) 379
Bhandari, R., 4π spinor symmetry – some new observations 180 (1993) 15
Bhandari, R., Interferometry without beam splitters – a sensitive technique for spinor phases 180 (1993) 21
Bhattacharyya, B. and S. Sil, Ground state of the non-half-filled Hubbard model: a renormalisation group study 180 (1993) 299
Bicout, D., Non-Newtonian behavior of colloidal suspensions from multiple light scattering 180 (1993) 375
Blanchard, Ph. and M.-O. Hongler, Probabilistic solutions of high order partial differential equations 180 (1993) 225
Bonanno, A., see Xu, F. 180 (1993) 350
Boyd, T.J.M., see Barr, H.C. 180 (1993) 435
Bulanov, S.V. and F. Pegoraro, Conformal magnetosonic waves 180 (1993) 275
Büttiker, M., H. Thomas and A. Prêtre, Mesoscopic capacitors 180 (1993) 364

Capewell, D.L., see Kirkwood, R.K. 180 (1993) 269
Chandola, H.C., see Barut, A.O. 180 (1993) 5
Chen, J., B–G expressions for potential scattering in the presence of a time-dependent EM field 180 (1993) 305
Chernenkov, Yu., see Stratilatov, A. 180 (1993) 137
Chui, S.T., Depinning, defect creation and quantum tunnelling 180 (1993) 149

0375-9601/93/$ 06.00 © 1993 Elsevier Science Publishers B.V. All rights reserved.

Cini, M., A. D'Andrea and C. Verdozzi, Many-photon effects in inelastic light scattering 180 (1993) 430
Clark, T.D., see Ralph, J.F. 180 (1993) 56
Condat, C.A. and D.P. Prato, Displacement moments in the trapping model with a field 180 (1993) 388

D'Andrea, A., see Cini, M. 180 (1993) 430
Dutta-Roy, B., see Ghosh, G. 180 (1993) 1
Dykman, M.I., H. Haken, G. Hu, D.G. Luchinsky, R. Mannella, P.V.E. McClintock, C.Z. Ning, N.D. Stein and N.G. Stocks, Linear response theory in stochastic resonance 180 (1993) 332

Ehlers, J. and W. Rindler, Successive Schwarzschild spheres and other rigidity frontiers in spherically symmetric dust-plus-vacuum spacetimes 180 (1993) 197
Eich, E., see Baake, M. 180 (1993) 74
Eilbeck, J.C., V.Z. Enol'skii, V.B. Kuznetsov and D.V. Leykin, Linear r-matrix algebra for systems separable in parabolic coordinates 180 (1993) 208
Eliezer, S., see Kolka, E. 180 (1993) 132
Enol'skii, V.Z., see Eilbeck, J.C. 180 (1993) 208
Ercolani, N. and R. Montgomery, On the fluid approximation to a nonlinear Schrödinger equation 180 (1993) 402

Fähnle, M., see Ried, K. 180 (1993) 370
Fedorov, V., see Stratilatov, A. 180 (1993) 137
Filatrella, G., B.A. Malomed and R.D. Parmentier, Threshold analysis for the inverse ac Josephson effect 180 (1993) 346
Floreanini, R. and L. Vinet, Automorphisms of the q-oscillator algebra and basic orthogonal polynomials 180 (1993) 393
Flytzanis, N., B.A. Malomed and J.A.D. Wattis, Analysis of stability of solitons in one-dimensional lattices 180 (1993) 107
Fomin, I.A. and T. Ohmi, Theory of the anomalous cw-NMR frequency shift in U2D2 solid ^{3}He 180 (1993) 141
Fritzsche, S., Angular distribution parameters in the resonant xenon $4d^{-1}6p$ Auger spectra 180 (1993) 262
Fujisaka, H., see Just, W. 180 (1993) 87
Fukui, T. and N. Aizawa, Shape-invariant potentials and an associated coherent state 180 (1993) 308
Fuliński, A., Changes in transition rates due to barrier fluctuations: the case of dichotomic noise 180 (1993) 94

Gangrsky, Yu.P., C. Hradecny, G.V. Mishinsky, I. Stekl, T. Tethal and I.M. Yermolayev, Trap for radioactive atoms in the gas phase based on light induced drift 180 (1993) 353
Ge, M., see Zhao, H. 180 (1993) 164
Ghosh, G., R.W. Hasse and B. Dutta-Roy, Geometric phase for charged bosons 180 (1993) 1
Gilson, C.R., J.J.C. Nimmo and R. Willox, A (2+1)-dimensional generalization of the AKNS shallow water wave equation 180 (1993) 337
Gladkov, S.O., On the dependence of the electric breakdown field of porous dielectrics on temperature 180 (1993) 183
Golik, A.V., see Belozorov, D.P. 180 (1993) 379

Haken, H., see Dykman, M.I. 180 (1993) 332
Hasse, R.W., see Ghosh, G. 180 (1993) 1
Hecht, R.D. and J.M. Nester, A new evaluation of PGT mass and spin 180 (1993) 324

Hongler, M.-O., see Blanchard, Ph. 180 (1993) 225
Hradecny, C., see Gangrsky, Yu.P. 180 (1993) 353
Hsu, R.-R. and C.-R. Lee, Statistical distribution of gases which obey q-deformed commutation relations 180 (1993) 314
Hu, G., see Dykman, M.I. 180 (1993) 332

Ivanchenko, Yu.M., Josephson junction with a magnetically active dielectric 180 (1993) 154

Jaekel, M.-T. and S. Reynaud, Quantum fluctuations of mass for a mirror in vacuum 180 (1993) 9
Jiang, X.F., see Lu, B.Q. 180 (1993) 61
Josefsson, T.W. and A.E. Smith, Mean inelastic electron scattering potentials for Si and GaAs from dielectric matrix calculations 180 (1993) 174
Just, W., T. Kobayashi and H. Fujisaka, Time correlations of intermittent maps in the non-hyperbolic phase 180 (1993) 87

Kajiwara, K., Y. Ohta and J. Satsuma, q-discrete Toda molecule equation 180 (1993) 249
Kirkwood, R.K., D.L. Capewell and P.M. Bellan, Creating poloidal flux in a tokamak plasma with low frequency waves 180 (1993) 269
Kobayashi, T., see Just, W. 180 (1993) 87
Kochetov, E.A., SU(1, 1) coherence-preserving Hamiltonians: a path-integral approach 180 (1993) 383
Kolka, E., S. Eliezer and Y. Paiss, Inertial plasma confinement in a miniature magnetic bottle induced by circularly polarized laser light 180 (1993) 132
Koutselos, A.D., Thermodynamic steady state laws for nonlinear chemical systems far from equilibrium 180 (1993) 103
Kreimer, M., see Niedernostheide, F.-J. 180 (1993) 113
Kronmüller, H., see Ried, K. 180 (1993) 370
Kudryavtsev, A., B. Piette and W.J. Zakrzewski, π/N scattering in 2+1 dimensions 180 (1993) 119
Kuznetsov, V.B., see Eilbeck, J.C. 180 (1993) 208
Kwato Njock, M.G., B. Oumarou, L. Waha Ndeuna and S.G. Nana Engo, Relativistic electric dipole radial integrals between Rydberg atomic states in the semiclassical Coulomb approximation 180 (1993) 124

Lakicevič, I., see Antanasijevič, R. 180 (1993) 25
Lee, C.-R., see Hsu, R.-R. 180 (1993) 314
Leykin, D.V., see Eilbeck, J.C. 180 (1993) 208
Li, F.L., see Wang, S.J. 180 (1993) 189
Li, J.-M. and C.-P. Sun, The q-deformed Lipkin–Meshkov–Glick model for many-fermion systems with the quantum symmetry of $SU_q(2)$ 180 (1993) 50
Lu, B.Q., Z.L. Pan, B.Z. Qu and X.F. Jiang, Solitary wave solutions for some systems of coupled nonlinear equations 180 (1993) 61
Luchinsky, D.G., see Dykman, M.I. 180 (1993) 332
Lukyanchikova, N.B., New "universal" relation concerning $1/f$ noise 180 (1993) 285

Ma, W., Travelling wave solutions to a seventh order generalized KdV equation 180 (1993) 221
Mackwood, A.P., see Barr, H.C. 180 (1993) 435
Majorana, E., N. Pergola, P. Puppo, P. Rapagnani and F. Ricci, Observation of the Brownian motion of a mechanical oscillator by means of a back action evading system 180 (1993) 43
Malomed, B.A., see Flytzanis, N. 180 (1993) 107

Malomed, B.A., see Filatrella, G. 180 (1993) 346
Malov, Yu.A. and D.F. Zaretsky, Splitting of the giant dipole resonance in deformed metal clusters 180 (1993) 453
Man'ko, V.I. and R. Vilela Mendes, *q*-deformed Brownian motion 180 (1993) 39
Mannella, R., see Dykman, M.I. 180 (1993) 332
Marič, Z., see Antanasijević, R. 180 (1993) 25
Marsiglio, F., The spectral function of a one-dimensional Holstein polaron 180 (1993) 280
McClintock, P.V.E., see Dykman, M.I. 180 (1993) 332
Mei, Y.P. and J.R. Yan, Solitons in hydrogen-bonded systems within the anharmonic interaction approximation: a variational approach 180 (1993) 259
Millev, Y., see Ried, K. 180 (1993) 370
Minami, K. and M. Suzuki, Non-universal critical behaviour of two-dimensional Ising models via two-body interactions 180 (1993) 179
Mishinsky, G.V., see Gangrsky, Yu.P. 180 (1993) 353
Mizrahi, S.S., M.H.Y. Moussa and D. Otero, Recurrence and decoherence times of quantum states in a measurement process 180 (1993) 244
Montgomery, R., see Ercolani, N. 180 (1993) 402
Moussa, M.H.Y., see Mizrahi, S.S. 180 (1993) 244
Müller, A., Resonant regeneration of particles 180 (1993) 317

Nambu, M., P.K. Shukla and S.V. Vladimirov, Plasma–maser instability in dusty plasmas 180 (1993) 441
Nana Engo, S.G., see Kwato Njock, M.G. 180 (1993) 124
Nester, J.M., see Hecht, R.D. 180 (1993) 324
Nguyen Ba An and Tran Thai Hoa, Exciton squeezed state in optically excited semiconductors 180 (1993) 145
Niedernostheide, F.-J., M. Kreimer, H.-J. Schulze and H.-G. Purwins, Periodic and irregular spatio-temporal behaviour of current density filaments in Si p^+–n^+–p–n^- diodes 180 (1993) 113
Nikolayev, V.S., Twin spacing versus size of a monocrystal for the nonstoichiometric 1:2:3 superconductors 180 (1993) 157
Nimmo, J.J.C., see Gilson, C.R. 180 (1993) 337
Ning, C.Z., see Dykman, M.I. 180 (1993) 332

Ohmi, T., see Fomin, I.A. 180 (1993) 141
Ohta, Y., see Kajiwara, K. 180 (1993) 249
Omelchenko, Yu.A., A.N. Pushkarev and A.M. Rubenchik, A noncollisional mechanism for plasma species separation 180 (1993) 357
Otero, D., see Mizrahi, S.S. 180 (1993) 244
Oumarou, B., see Kwato Njock, M.G. 180 (1993) 124

Paiss, Y., see Kolka, E. 180 (1993) 132
Pan, Z.L., see Lu, B.Q. 180 (1993) 61
Pang, G.D., Correlation functions of the quantized Davey–Stewartson I system in the case of weak coupling 180 (1993) 65
Paris, J. and R. Tavakol, Goodstein algorithm as a super-transient dynamical system 180 (1993) 83
Park, C., Disorder effect on the Bloch–Wannier oscillations in optical absorption 180 (1993) 289
Parmentier, R.D., see Filatrella, G. 180 (1993) 346
Pegoraro, F., see Bulanov, S.V. 180 (1993) 275
Pergola, N., see Majorana, E. 180 (1993) 43

Piette, B., see Kudryavtsev, A. 180 (1993) 119
Plakhty, V., see Stratilatov, A. 180 (1993) 137
Prance, H., see Ralph, J.F. 180 (1993) 56
Prance, R.J., see Ralph, J.F. 180 (1993) 56
Prato, D.P., see Condat, C.A. 180 (1993) 388
Prêtre, A., see Büttiker, M. 180 (1993) 364
Puppo, P., see Majorana, E. 180 (1993) 43
Purwins, H.-G., see Niedernostheide, F.-J. 180 (1993) 113
Pushkarev, A.N., see Omelchenko, Yu.A. 180 (1993) 357
Pyragas, K. and A. Tamaševičius, Experimental control of chaos by delayed self-controlling feedback 180 (1993) 99

Qu, B.Z., see Lu, B.Q. 180 (1993) 61

Ralph, J.F., T.P. Spiller, T.D. Clark, R.J. Prance and H. Prance, Chaos in a coupled quantum–classical system 180 (1993) 56
Rapagnani, P., see Majorana, E. 180 (1993) 43
Reynaud, S., see Jaekel, M.-T. 180 (1993) 9
Ricci, F., see Majorana, E. 180 (1993) 43
Ried, K., Y. Millev, M. Fähnle and H. Kronmüller, Renormalized field theory of the critical behaviour of anisotropic dipolar ferromagnets 180 (1993) 370
Rindler, W., see Ehlers, J. 180 (1993) 197
Rogers, J. and D. Spector, Exactly soluble Hamiltonians with time-dependent potentials, Phys. Lett. A 170 (1992) 311. Erratum 180 (1993) 462
Rubenchik, A.M., see Omelchenko, Yu.A. 180 (1993) 357

Sahakyan, D.B., Exact solution of Derrida's model with weak connectivity for any interaction of Q color spins and optimal coding 180 (1993) 169
Sakaguchi, H., Oscillatory phase transitions in coupled Bernoulli map lattices 180 (1993) 235
Satsuma, J., see Kajiwara, K. 180 (1993) 249
Schulze, H.-J., see Niedernostheide, F.-J. 180 (1993) 113
Shen, M.-Y., Raman phonons of silicon wires 180 (1993) 295
Shiang, K.-D., Theoretical studies of adatom diffusion on metal surfaces 180 (1993) 444
Shukla, P.K., see Nambu, M. 180 (1993) 441
Sil, S., see Bhattacharyya, B. 180 (1993) 299
Smith, A.E., see Josefsson, T.W. 180 (1993) 174
Song, Y., Coverage rate production in a nearly flat substrate 180 (1993) 361
Spector, D., see Rogers, J. 180 (1993) 462
Spiller, T.P., see Ralph, J.F. 180 (1993) 56
Stein, N.D., see Dykman, M.I. 180 (1993) 332
Stekl, I., see Gangrsky, Yu.P. 180 (1993) 353
Stocks, N.G., see Dykman, M.I. 180 (1993) 332
Stratilatov, A., V. Plakhty, Yu. Chernenkov and V. Fedorov, The structure of the ortho-III phase of $YBa_2Cu_3O_{6+x}$ by X-ray scattering 180 (1993) 137
Sun, C.-P., see Li, J.-M. 180 (1993) 50
Suris, Yu.B., On the bi-Hamiltonian structure of Toda and relativistic Toda lattices 180 (1993) 419
Suzuki, M., see Minami, K. 180 (1993) 179
Suzuki, M., Improved Trotter-like formula 180 (1993) 232

Suzuki, M., see Umeno, K. 180 (1993) 462

Tamaševičius, A., see Pyragas, K. 180 (1993) 99
Tarapov, S.I., see Belozorov, D.P. 180 (1993) 379
Tasso, H., A manifest Hopf bifurcation in resistive magnetohydrodynamics 180 (1993) 257
Tavakol, R., see Paris, J. 180 (1993) 83
Tethal, T., see Gangrsky, Yu.P. 180 (1993) 353
Thomas, H., see Büttiker, M. 180 (1993) 364
Tovbis, A., Asymptotic solutions of the reduced Kac–van Moerbeke equation 180 (1993) 215
Tran Thai Hoa, see Nguyen Ba An 180 (1993) 145

Umeno, K. and M. Suzuki, A singular zeta function at the onset of chaos, Physics Letters A 177 (1993) 311. Erratum 180 (1993) 462

Verdozzi, C., see Cini, M. 180 (1993) 430
Vertiy, A.A., see Belozorov, D.P. 180 (1993) 379
Vigier, J.P., see Antanasijević, R. 180 (1993) 25
Vilela Mendes, R., see Man'ko, V.I. 180 (1993) 39
Villarroel, J. and M.J. Ablowitz, On the method of solution of the differential-delay Toda equation 180 (1993) 413
Vinet, L., see Floreanini, R. 180 (1993) 393
Vladimirov, S.V., see Nambu, M. 180 (1993) 441

Waha Ndeuna, L., see Kwato Njock, M.G. 180 (1993) 124
Wang, S.J., F.L. Li and A. Weiguny, Algebraic dynamics and time-dependent dynamical symmetry of nonautonomous systems 180 (1993) 189
Wattis, J.A.D., see Flytzanis, N. 180 (1993) 107
Weiguny, A., see Wang, S.J. 180 (1993) 189
Willox, R., see Gilson, C.R. 180 (1993) 337

Xu, F. and A. Bonanno, Observation and identification of the Ne^+ $2p^3nln'l'$ and Ne $2p^3nln'l'n''l''$ autoionization lines in Ne^+–Al 180 (1993) 350

Yan, J.R., see Mei, Y.P. 180 (1993) 259
Yan, M., see Zhao, H. 180 (1993) 164
Yermolayev, I.M., see Gangrsky, Yu.P. 180 (1993) 353

Zakrzewski, W.J., see Kudryavtsev, A. 180 (1993) 119
Zaretsky, D.F., see Malov, Yu.A. 180 (1993) 453
Zarić, A., see Antanasijević, R. 180 (1993) 25
Zević, D., see Antanasijević, R. 180 (1993) 25
Zhao, H., M. Ge and M. Yan, Three-point energy density Green function of the Ising quantum field theory for $T<T_c$ 180 (1993) 164
Zhu, Z.N., Lax pair, Bäcklund transformation, solitary wave solution and infinite conservation laws of the general KP equation and MKP equation with variable coefficients 180 (1993) 409